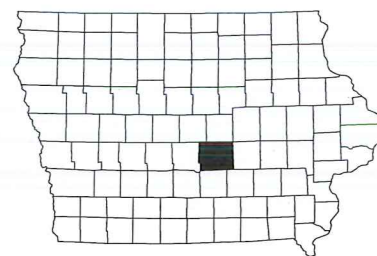


PROJECT # 14-05-50-01



PROJECT DESCRIPTION

THIS PROJECT CONSISTS OF INSTALLING A MODERN RESTROOM NEAR THE CONCESSION STAND, A VAULT LATRINE IN THE CAMPGROUND AND A VAULT LATRINE NEAR THE ADA FISHING PIER. THIS INCLUDES ALL EARTHWORK, SUPPLYING AND INSTALLING THE NEW FACILITY AS WELL AS REMOVING THE EXISTING BUILDINGS LOCATED AT THE CONCESSION STAND AND IN THE CAMPGROUND AND CONSTRUCTION PARKING STALLS IN THE CAMPGROUND AND ADA FISHING PIER AND INCIDENTAL WORK AS REQUIRED BY THE DNR INSPECTOR.

[illegible]

<h1 style="margin: 0;">COVER SHEET</h1>		<h2 style="margin: 0;">CONCESSION RESTROOM REPLACEMENT FOR: ROCK CREEK STATE PARK</h2>	
NO.	BY DATE	REVISION	
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		14-05-50-01	
CHK'D BY:		DATE:	
		2014	
SHEET No:			

IOWA DEPARTMENT OF
NATURAL RESOURCES

DNR

ENGINEERING SERVICES - WALLACE BUILDING
502 E. 9TH ST., DES MOINES, IA 50319-0034

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NATURAL RESOURCES

DNR

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IOWA DEPARTMENT OF
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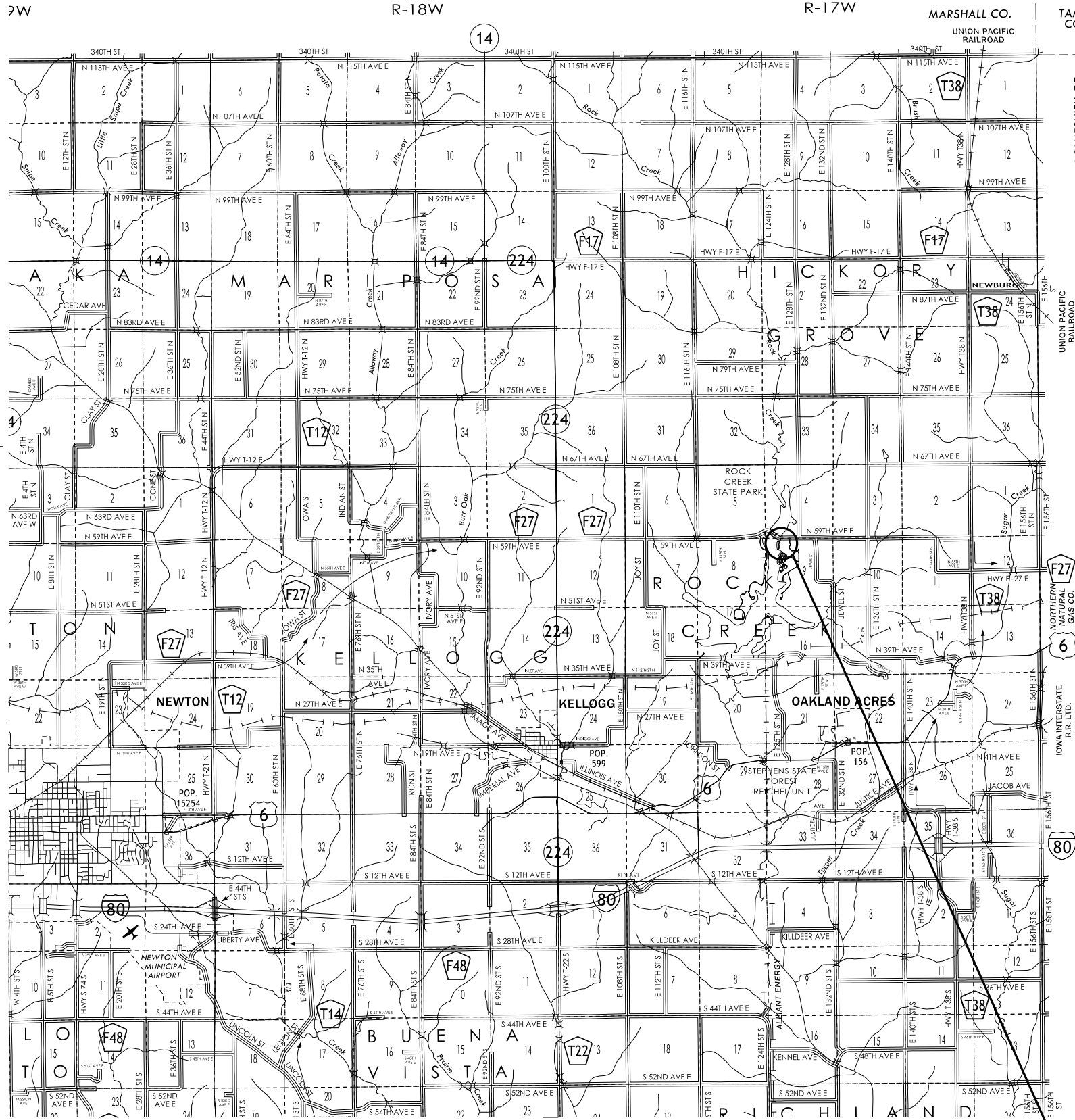
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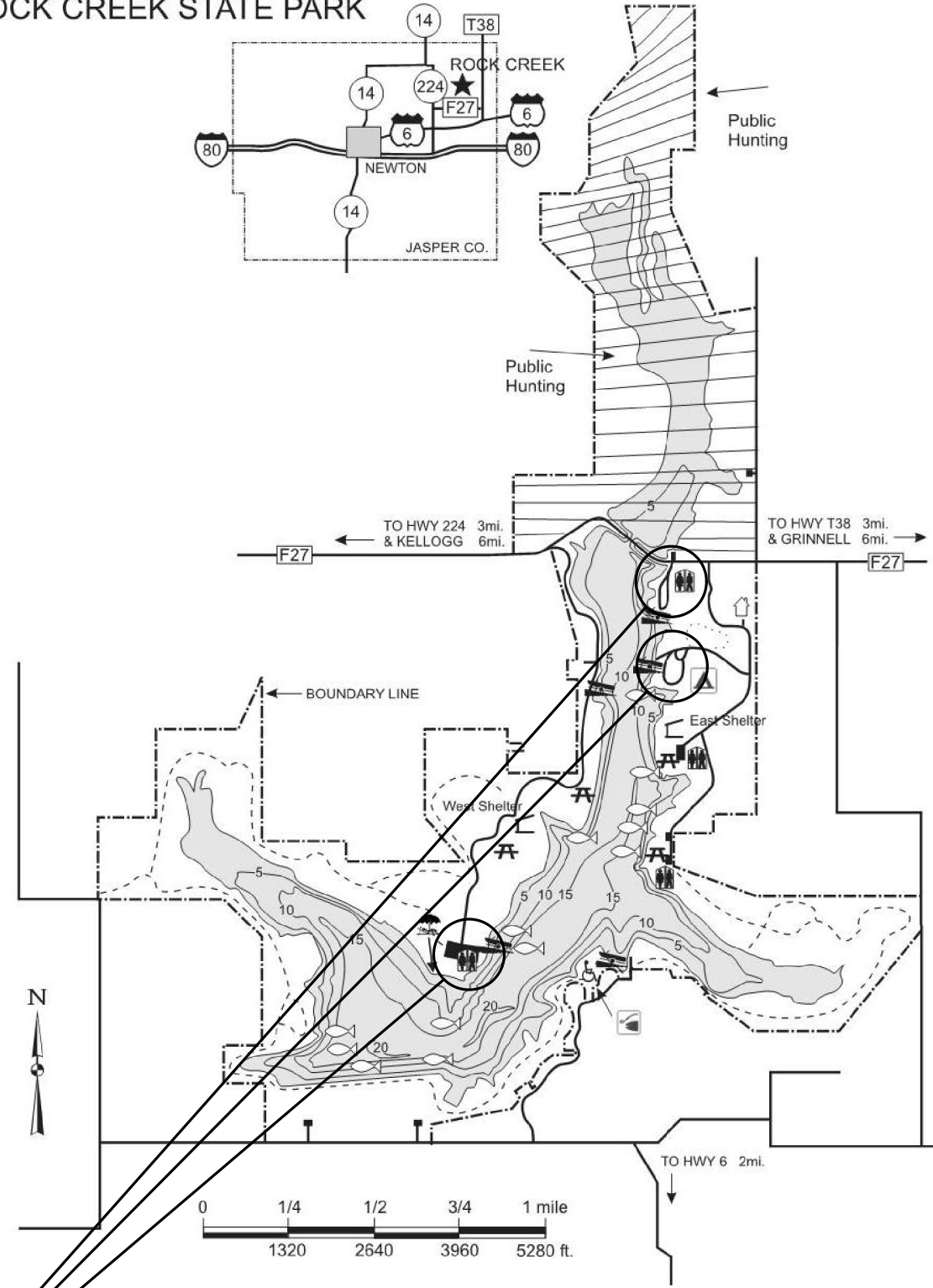
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VICINITY MAP

ROCK CREEK STATE PARK



LOCATION MAP

PROJECT LOCATION

CONSULTANT:

IOWA DEPARTMENT OF
NATURAL RESOURCES

ENGINEERING SERVICES - WALLACE BUILDING
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PROJECT LOCATION MAP

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ROCK CREEK STATE PARK

JASPER COUNTY, IOWA

NO. BY DATE REVISION

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14-05-50-01

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2014

SHEET NO:

A.02



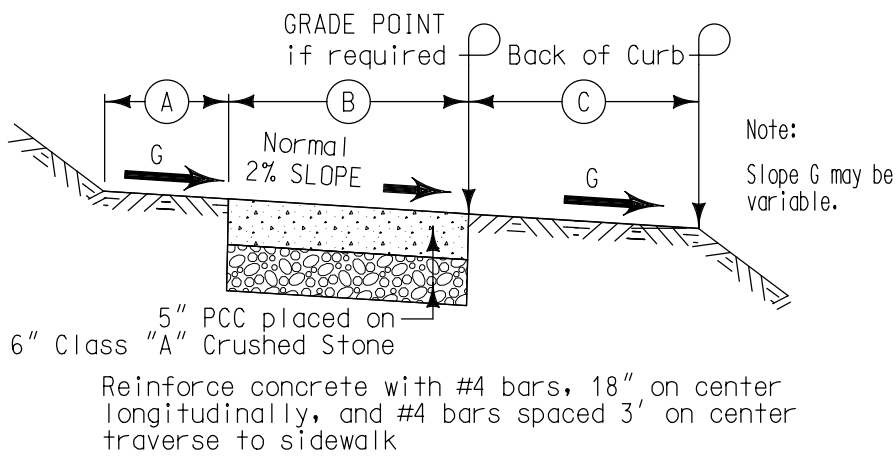
HANDICAP SIGN DETAIL

NOT TO SCALE

JASPER COUNTY, IOWA

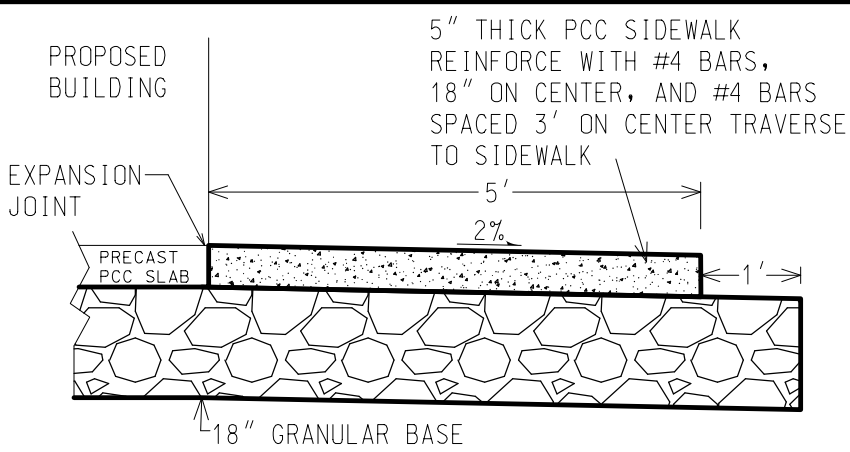
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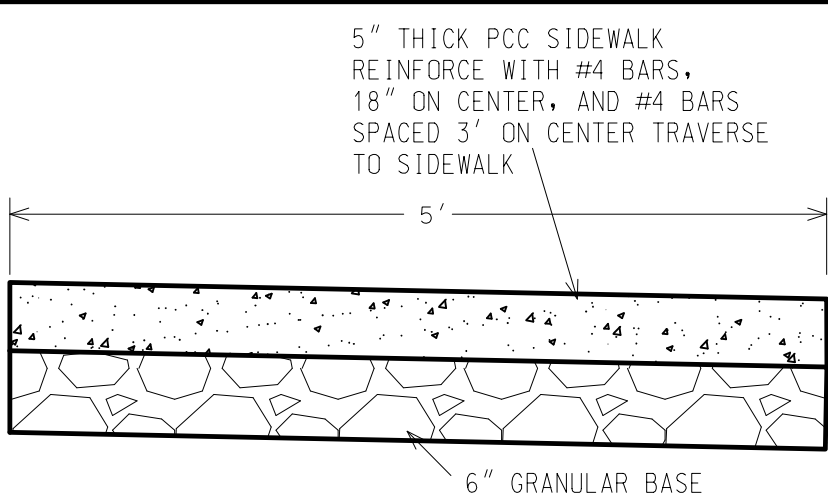


TYPICAL SIDEWALK DETAILS

STATION TO STATION	SIDE	(A) Feet	(B) Feet	(C) Feet	NEW CONSTRUCTION
ALL		2	5	2	

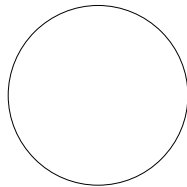


PERIMETER OF BUILDING



SIDEWALK DETAIL

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GENERAL DETAILS

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JASPER COUNTY, IOWA

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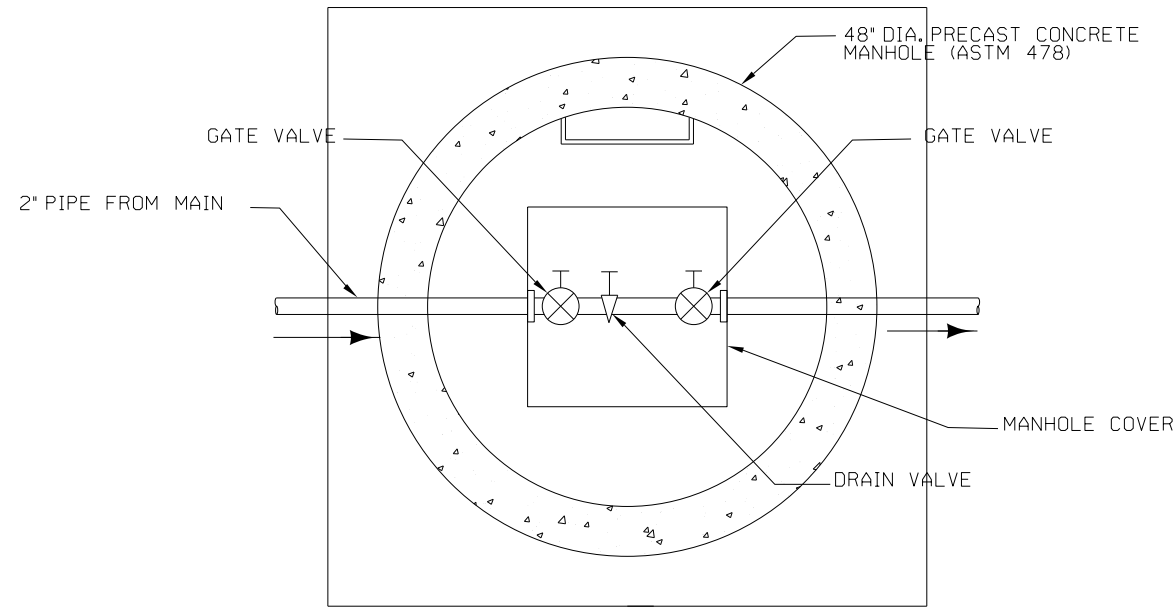
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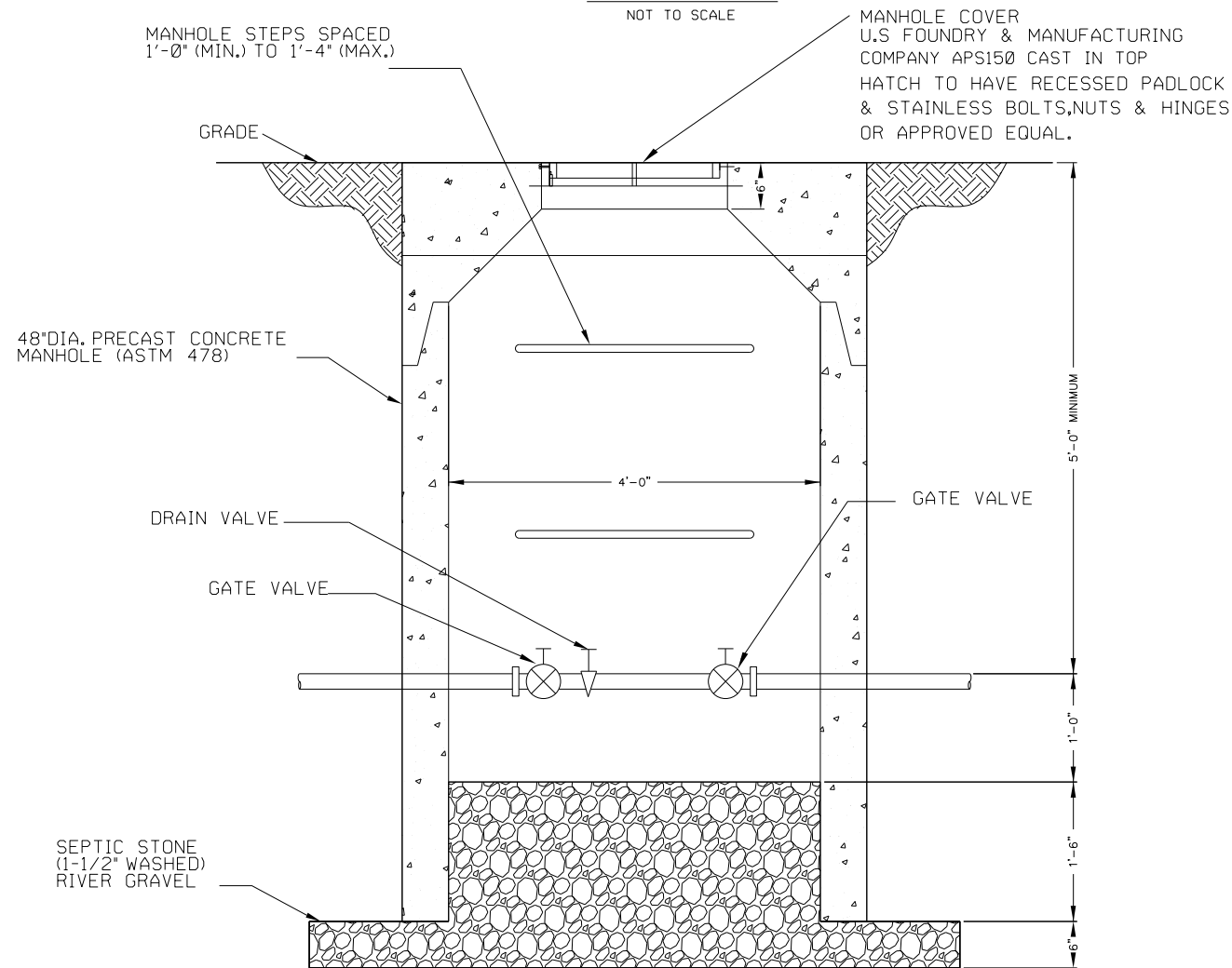
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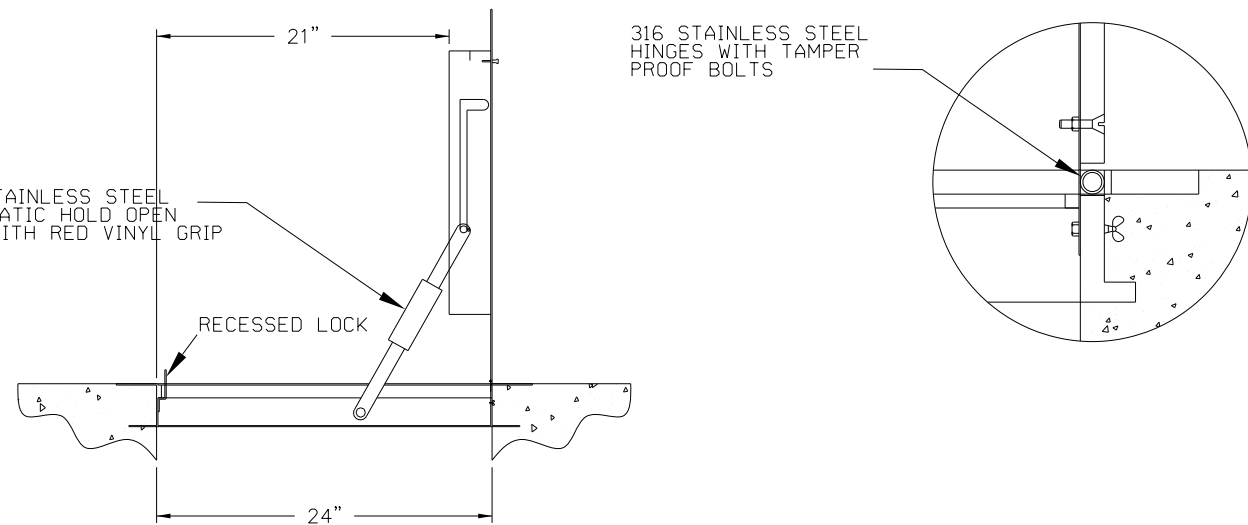
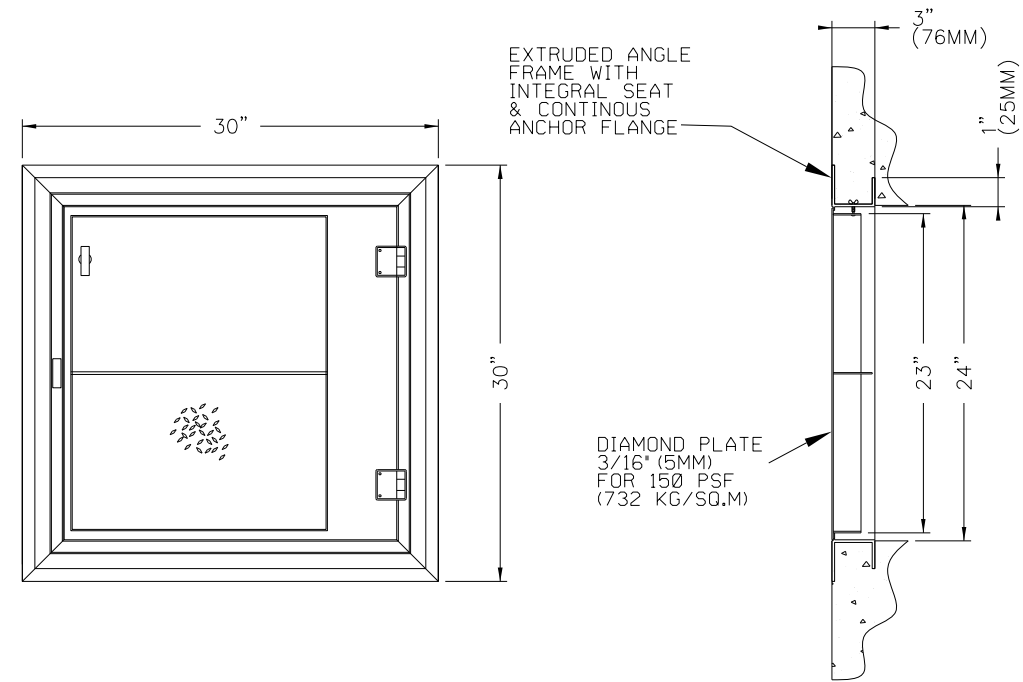


TOP VIEW
NOT TO SCALE



SIDE VIEW
NOT TO SCALE

DRAIN-DOWN PIT



NOTE MATERIAL: ALUMINUM WITH 316 STAINLESS STEEL NUTS & BOLTS, HINGES, AND HOLD OPEN ARM
LOADING: 150 POUNDS PER SQ. FOOT (732 KG PER SQ.M)

MANHOLE COVER NOT TO SCALE

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GENERAL DETAILS

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NO. BY DATE REVISION

DRAWN BY: PROJECT NUMBER: 14-05-50-01


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SHEET NO:

B.03

[illegible]

ITEM NO.	DESCRIPTION
1	DEMOLITION A. Includes the removal and disposal of the existing building, sidewalk and granular base. B. The contractor shall ensure that all utilities are disconnected prior to demolition. C. Submitting the Air Quality Notice and disposal is the responsibility of the contractor.
2	CLEARING AND GRUBBING A. Includes the removal and disposal of trees as shown in the plans and as directed by the DNR Inspector. B. Disposal is the responsibility of the contractor.
3	SITE WORK AND UTILITY CONNECTIONS A. Materials and labor to connect to the existing utilities are incidental. B. Site restoration is considered incidental and shall include seed, fertilizer and mulch on all disturbed areas as directed by the DNR inspector. C. The contractor is to grade and shape the site as directed by the DNR inspector. D. The contractor shall use copper wire of sufficient size and type for electrical connections to distribution panels to ensure compliance with the National Electric Code (NEC). Materials and labor to connect to the existing utilities are incidental.
4	SINGLE RIGHT HAND CASCADIAN PRECAST CONCRETE VAULT
5	DOUBLE CASCADIAN PRECAST CONCRETE VAULT
6	MONTROSS PRECAST CONCRETE RESTROOM A. Contractor will provide and install the structure by the plans and Engineer's specifications. B. Do not include drinking fountains. C. Excavation and backfill for the installation of the structure to be considered incidental. D. Site restoration for the installation of the structure to be considered incidental. E. Approved manufacturers: <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Rich Edwards, North Central Region Sales Manager CXT Concrete Building, Inc 3808 N Sullivan Road, Bldg7 Spokane, WA 99216 T: (800) 696-5766 ext 3490 C: (262) 321-1421</p> </div> <div style="width: 45%;"> <p>Steve Olson, President Huffcutt Concrete, Inc. 4154 123rd Street Chippewa Falls, WI 54729 T: (715) 723-7446 C: (715) 577-2612</p> </div> </div>
7	CLASS "A" CRUSHED STONE A. The Montrose precast restroom building and surrounding sidewalk is to be set on an 18" base. B. The sidewalk is to be set on a 6" base. C. The parking stalls are to be set on a 6" base.
8	SIDEWALK, PCC, 6" A. Contraction joints shall be sawcut at 5' maximum spacing. Expansion joints shall be installed around the perimeter of the building and between the sidewalk around the building and the sidewalks leading up to the building. B. Excavation for sidewalk construction is considered incidental.
9	PARKING LOT, PCC, 6" A. Contraction joints shall be sawcut at standard spacing. An expansion joint shall be installed between the sidewalk and the parking lot. KT-1 Joint shall be placed between the sidewalk around the building and the parking/sidewalk in front of the building. See the parking stall detail for jointing details. B. Excavation for parking lot construction is considered incidental.
12	PRECAST CONCRETE PARKING WHEEL STOPS A. Wheel stops shall be Barco products #WHLSTP/CG or approved equal. B. Wheel stops shall be tied to the paved surface via metal pins.
13	EROSION CONTROL A. Filter sock shall be installed as detailed to prevent sediment from exiting the project site and shall remain in place and be maintained during construction. DNR Park staff will remove once the site is stabilized.
16	REMOVE CONCRETE PAD A. Disposal is the responsibility of the contractor.
17	ELECTRICAL SERVICE A. Install underground electric line from Montrose restroom to electrical panel plus additional line for connections. B. Install disconnect box. C. Reconnect the electrical to the stage area. D. Includes all materials required. E. All work shall be in compliance with the National Electric Code (NEC).
18	WATER MAIN, 2" HDPE A. All fittings required to make the connection to the existing main, other pipe fittings, pipe restraints, thrust blocks and all appurtenances shall be incidental. B. Pipe bedding shall be incidental.
19	REMOVAL OF PAVEMENT A. Sawcut is incidental. B. Disposal is the responsibility of the contractor.



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CONCESSION RESTROOM REPLACEMENT FOR:

JASPER COUNTY, IOWA

C.01

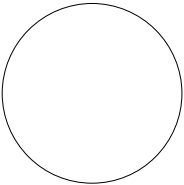
GENERAL NOTES

- A. The contractor shall notify the following two weeks prior to demolition and/ or construction:
a. District Inspector: Jason Kruse (515) 250-3707
- B. The contractor shall visit the site and inspect the project area and thoroughly familiarize themselves with the actual job conditions prior to bidding and the start of work. Failure to visit the project site shall not relieve the contractor from performing the work in accordance to the plans, specification, special provisions and contract.
- C. The contractor shall verify, at the site, all dimensions and conditions shown on the plans and shall notify the DNR Engineer of any discrepancies, omissions, and/or conflicts prior to proceeding with the work.
- D. The contractor shall be responsible for any damage to existing facilities resulting from their negligence, or that of a subcontractor, and said repairs shall be approved by the owner.
- E. All work shall conform to and be preformed in accordance with all applicable codes and ordinances.
- F. It shall be the contractor’s responsibility to provide waste areas or disposal sites for excess material (excavated material or broken concrete) which is not desirable to be incorporated into the work involved on this project. No payment for overhaul will be allowed for material hauled to these sites. No material shall be placed within the right-of-way, unless specifically stated in the plans or approved by the DNR Engineer.
- G. All holes resulting from operations of the contractor, including removal of guardrail posts, fence posts, utility poles or piers, shall be filled and consolidated to finish grade as directed by the Engineer to prevent future settlement. The voids shall be filled as soon as practical – preferably the day created and not later than the following day. Any portion of the right of way or project limits (including borrow areas and operation sites) disturbed by any such operations shall be restored to an applicable condition. This operation shall be considered incidental to other bid items in the project.
- H. The contractor is expected to have materials, equipment, and labor available on a daily basis to install and maintain erosion control features of the project. This may involve seeding, silt fence, rock ditch checks, silt basins or silt dikes.
- I. The contractor shall shape graded area to maintain surface drainage. All elevations shown are to finish grade.
- J. Topsoil shall be spread to a minimum thickness of 6 inches on all disturbed unpaved areas.
- K. The contractor shall seed, fertilize and mulch all disturbed areas. Use Class “C” seed mixture.
- L. Backfill to the top of all rock or paved surfaces.
- M. Where utilities and fixtures are shown as existing on the plans or encountered within the construction area, it shall be the responsibility of the contractor to notify the DNR Engineer of those utilities prior to the beginning of any construction. The contractor shall be afforded access to these facilities for necessary modification of services. Underground facilities, structures and utilities have been plotted from available surveys and records and therefore their locations must be considered approximate only. It is possible there may be others, the existence of which is presently not known or shown. It is the contractor’s responsibility to determine their existence and exact location and to avoid damage thereto. No claims for additional compensation will be allowed to the contractor for any interference or delay caused by such work.
- N. The contractor shall not disturb desirable grass areas and desirable trees outside the construction limits. The contractor will not be permitted to park or service vehicles and equipment or use these areas for storage of materials. Storage, parking and service areas will be subject to the approval of the DNR Engineer.

UTILITY CONTACTS

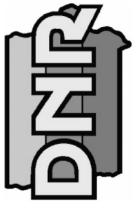
Electric – Alliant Energy 1-800-255-4268
Telephone – Windstream Communications 1-866-445-5880
Sewer & Water – Central Iowa Water Association 641-792-7011 email: info@ciawa.com

CONSULTANT:



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GENERAL NOTES

CONCESSION RESTROOM REPLACEMENT FOR:

ROCK CREEK STATE PARK

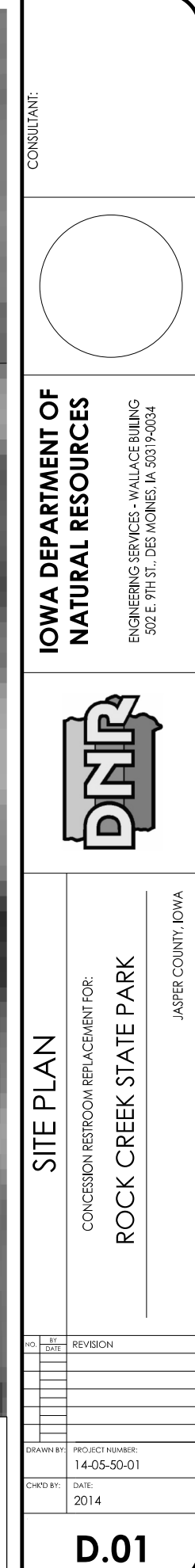
JASPER COUNTY, IOWA

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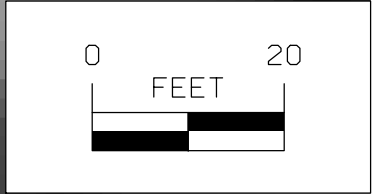
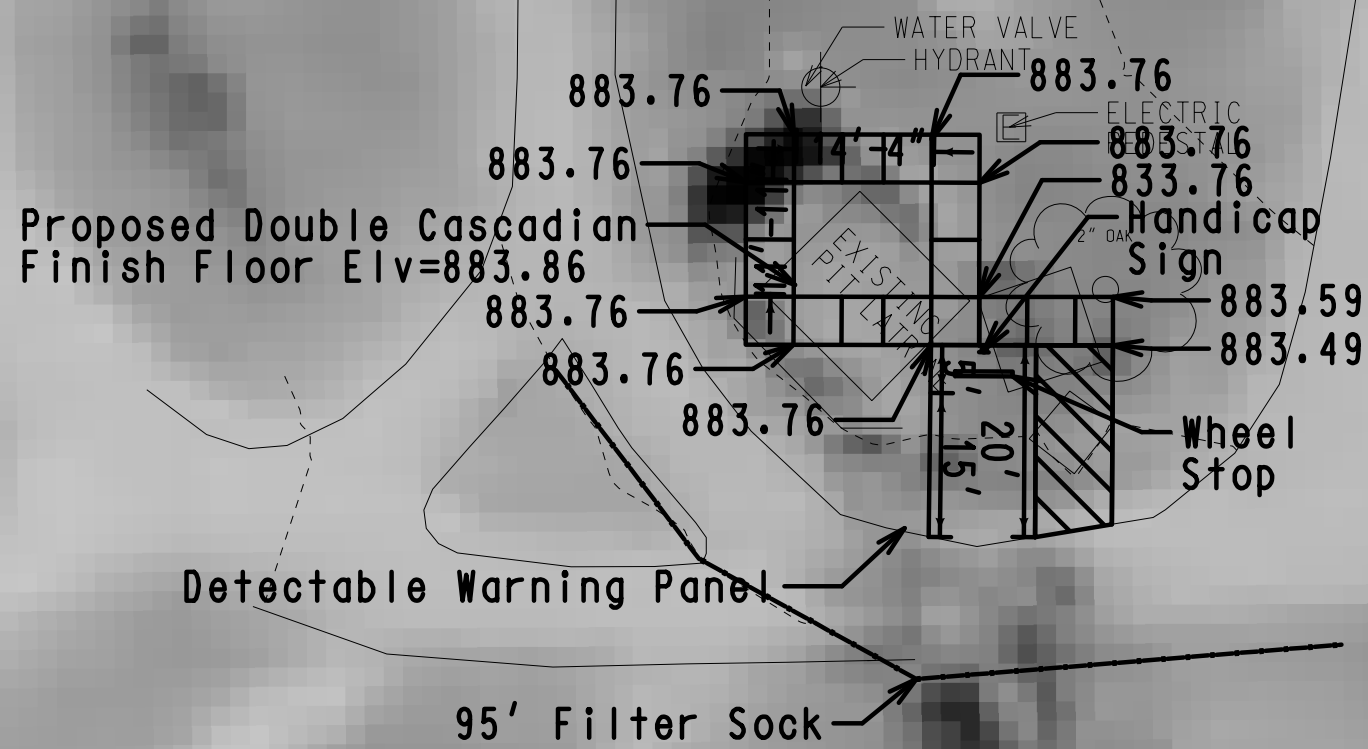
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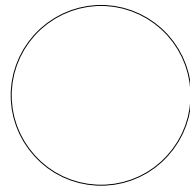
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SITE PLAN

CONCESSION RESTROOM REPLACEMENT FOR:

ROCK CREEK STATE PARK

JASPER COUNTY, IOWA

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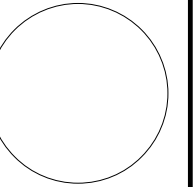
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SITE PLAN

CONCESSION RESTROOM REPLACEMENT FOR:

ROCK CREEK STATE PARK

JASPER COUNTY, IOWA

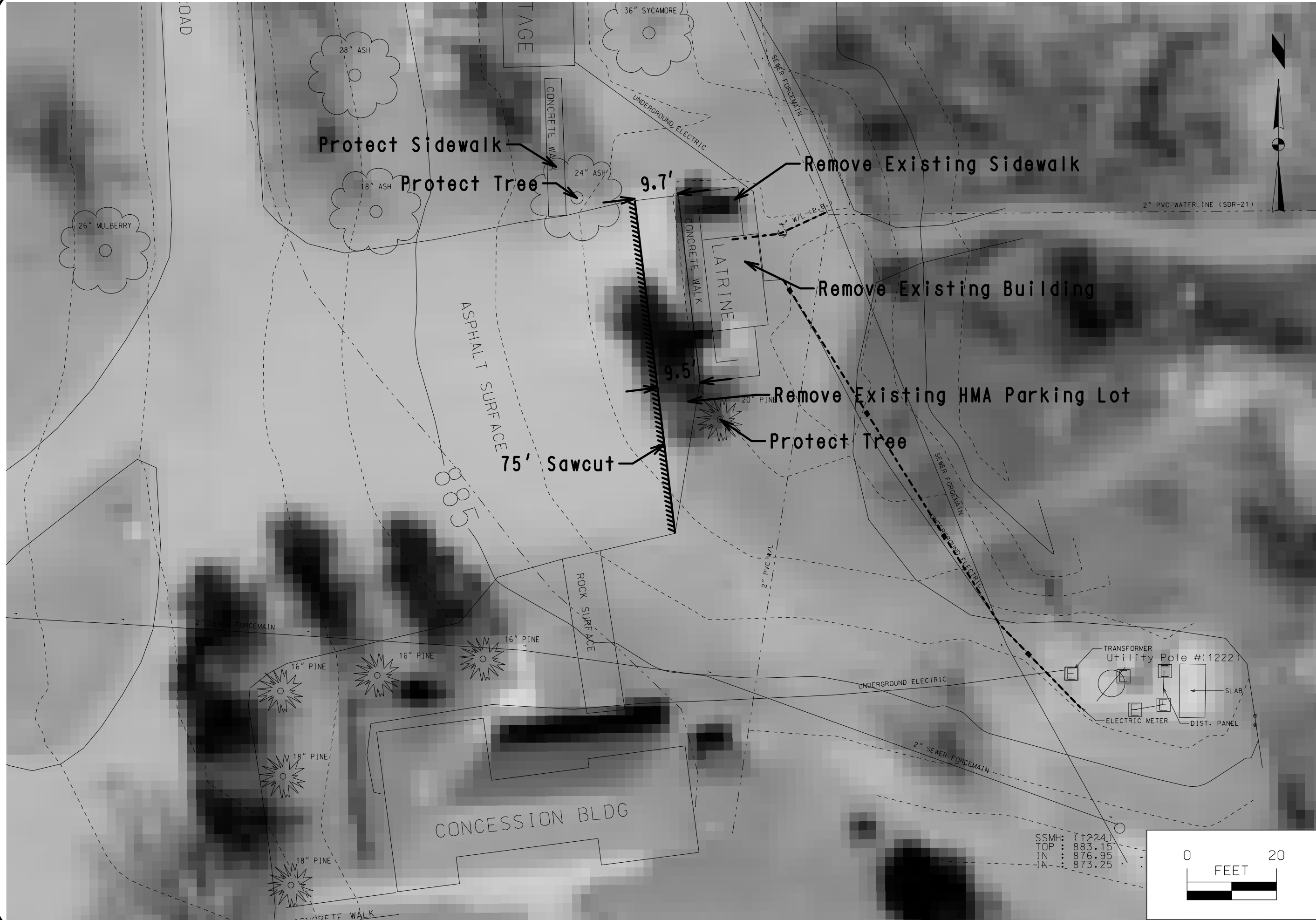
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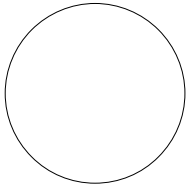
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DEMOLITION PLAN

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JASPER COUNTY, IOWA

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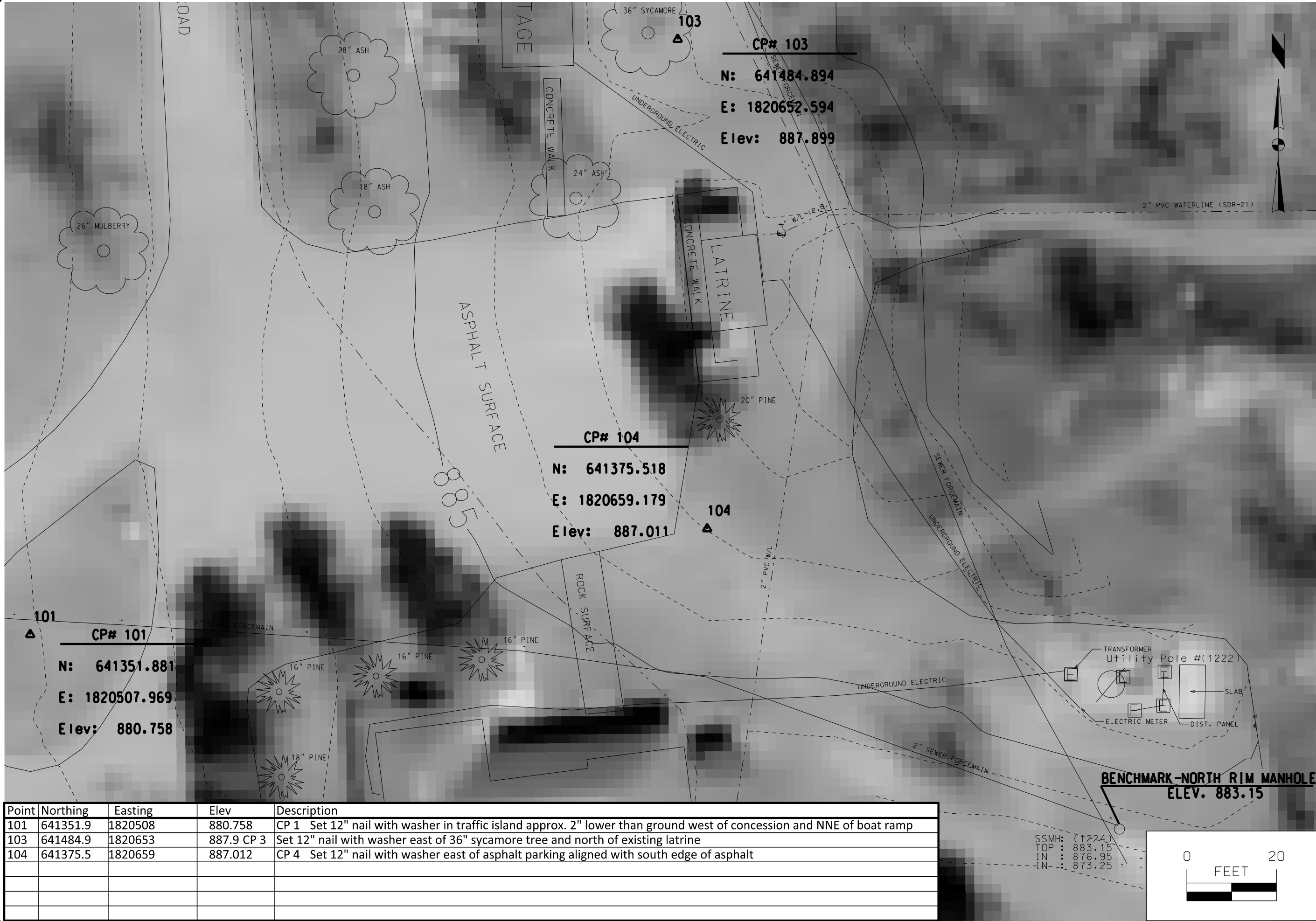


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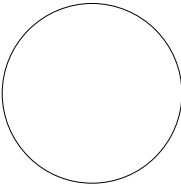
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Point	Northing	Easting	Elev	Description
101	641351.9	1820508	880.758	CP 1 Set 12" nail with washer in traffic island approx. 2" lower than ground west of concession and NNE of boat ramp
103	641484.9	1820653	887.9 CP 3	Set 12" nail with washer east of 36" sycamore tree and north of existing latrine
104	641375.5	1820659	887.012	CP 4 Set 12" nail with washer east of asphalt parking aligned with south edge of asphalt

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SURVEY CONTROL

CONCESSION RESTROOM REPLACEMENT FOR:

ROCK CREEK STATE PARK

JASPER COUNTY, IOWA

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14-05-50-01

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206
▲ CP# 206
N: 640366.337
E: 1820566.419
Elev: 880.720

CP# 207
N: 640205.163
E: 1820640.575
Elev: 881.869
▲ 207

WATER VALVE
HYDRANT
ELECTRIC
PEDESTAL

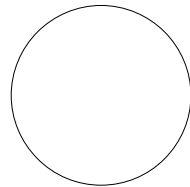
EXISTING
PIT LATRINE

2" OAK

Point	Northing	Easting	Elev	Description
206	640366.4	1820566	880.732	CP 6 Set 1 1/2" X 1/4" Magnail in asphalt road
207	640205.2	1820641	881.885	CP 7 Set 1 1/2" X 1/4" Magnail in south side asphalt road SSW of existing pit latrine



CONSULTANT:



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SURVEY CONTROL

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